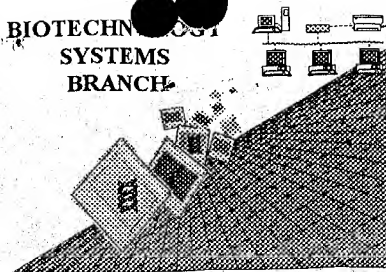


A. Nelson

BIOTECHNOLOGY  
SYSTEMS  
BRANCH

File Copy 317



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer-readable form:

**RECEIVED**

MAR 05 2001

TECH CENTER 1600/2900

Application Serial Number: 09/446,089A  
Source: 1638  
Date Processed by STIC: 2/27/2001

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

**FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.**

**FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.**

**PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:**

### **Checker Version 3.0**

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

**Checker Version 3.0 can be down loaded from the USPTO website at the following address:**

**<http://www.uspto.gov/web/offices/pac/checker>**

# Sequence Listing Error Summary

## ERROR DETECTED SUGGESTED CORRECTION

SERIAL NUMBER: 09/446,089A

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- RECEIVED**  
MAR 05 2001  
TECH CENTER 1600/2900
- 1 ☐ Wrapped Nucleics The number/text at the end of each line "wrapped" down to the next line.  
This may occur if your file was retrieved in a word processor after creating it.  
Please adjust your right margin to .3, as this will prevent "wrapping".
  - 2 ☐ Wrapped Aminos The amino acid number/text at the end of each line "wrapped" down to the next line.  
This may occur if your file was retrieved in a word processor after creating it.  
Please adjust your right margin to .3, as this will prevent "wrapping".
  - 3 ☐ Incorrect Line Length The rules require that a line not exceed 72 characters in length. This includes spaces.
  - 4 ☐ Misaligned Amino Acid Numbering The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs between the numbering. It is recommended to delete any tabs and use spacing between the numbers.
  - 5 ☐ Non-ASCII This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.  
Please ensure your subsequent submission is saved in ASCII text so that it can be processed.
  - 6 ☐ Variable Length Sequence(s) \_\_\_\_ contain n's or Xaa's which represented more than one residue.  
As per the rules, each n or Xaa can only represent a single residue.  
Please present the maximum number of each residue having variable length and indicate in the (ix) feature section that some may be missing.
  - 7 ☐ PatentIn ver. 2.0 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequence(s) \_\_\_\_\_. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies primarily to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
  - 8 ☐ Skipped Sequences (OLD RULES) Sequence(s) \_\_\_\_ missing. If intentional, please use the following format for each skipped sequence:  
(2) INFORMATION FOR SEQ ID NO:X:  
(i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS")  
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X:  
This sequence is intentionally skipped  
  
Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).
  - 9 ☐ Skipped Sequences (NEW RULES) Sequence(s) \_\_\_\_ missing. If intentional, please use the following format for each skipped sequence.  
<210> sequence id number  
<400> sequence id number  
000
  - 10 ☐ Use of n's or Xaa's (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.  
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.  
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
  - 11 ☐ Use of <213>Organism (NEW RULES) Sequence(s) \_\_\_\_ are missing this mandatory field or its response.
  - 12 ☒ Use of <220>Feature (NEW RULES) Sequence(s) 10 are missing the <220>Feature and associated headings.  
Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown"  
Please explain source of genetic material in <220> to <223> section.  
(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Rules)
  - 13 ☐ PatentIn ver. 2.0 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other means to copy file to floppy disk.

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1638

TECH CENTER 1600/2900

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/446,089A

DATE: 02/27/2001  
 TIME: 14:31:44

Input Set : A:\001560-377.ST25.txt  
 Output Set: N:\CRF3\02272001\I446089A.raw

P.6  
 Does Not Comply  
 Corrected Diskette Needed

```

3 <110> APPLICANT: SAKAKIBARA, Keiko
4     FUKUI, Yuko
5     TANAKA, Yoshikazu
6     KUSUMI, Takaaki
7     MIZUTANI, Masako
8     NAKAYAMA, Toru
10 <120> TITLE OF INVENTION: GENE ENCODING PROTEIN HAVING AURONE SYNTHESIZING ACTIVITY
12 <130> FILE REFERENCE: 001560-377
14 <140> CURRENT APPLICATION NUMBER: US 09/446,089A
15 <141> CURRENT FILING DATE: 1999-12-17
17 <150> PRIOR APPLICATION NUMBER: PCT/JP99/02045
18 <151> PRIOR FILING DATE: 1999-04-16
20 <150> PRIOR APPLICATION NUMBER: JP 10/107296
21 <151> PRIOR FILING DATE: 1998-04-17
23 <160> NUMBER OF SEQ ID NOS: 15
25 <170> SOFTWARE: PatentIn version 3.0
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 1951
29 <212> TYPE: DNA
30 <213> ORGANISM: Antirrhinum majus
32 <220> FEATURE:
33 <221> NAME/KEY: CDS
34 <222> LOCATION: (96)..(1781)
36 <400> SEQUENCE: 1
37 aaattacatt gtttcctttg tccaccttc caccaccaat atatacaact tctcagcta      60
39 gttgtttatt atcaatcaaa taaaattatt tccca atg ttc aaa aat cct aat      113
40                                     Met Phe Lys Asn Pro Asn
41                                     1           5
43 atc cgc tat cac aaa cta tct tcc aaa tcc aat gac aac gat caa gaa      161
44 Ile Arg Tyr His Lys Leu Ser Ser Lys Ser Asn Asp Asn Asp Gln Glu
45         10           15           20
47 tcc tcc cat cgt tgt aag cac att cta tta ttt ata ata acc tta ttc      209
48 Ser Ser His Arg Cys Lys His Ile Leu Leu Phe Ile Ile Thr Leu Phe
49         25           30           35
51 cta ctt ata gtt ggc ctg tac atc gcc aac tct ctc gcc tat gcc cgg      257
52 Leu Leu Ile Val Gly Leu Tyr Ile Ala Asn Ser Leu Ala Tyr Ala Arg
53         40           45           50
55 ttt gcc tcg acc tca acc ggc cct atc gcc gcc cct gat gtc acc aaa      305
56 Phe Ala Ser Thr Ser Thr Gly Pro Ile Ala Ala Pro Asp Val Thr Lys
57 55           60           65           70
59 tgt ggt cag cca gac ttg cca cct ggc aca gcc cca ata aac tgt tgt      353
60 Cys Gly Gln Pro Asp Leu Pro Pro Gly Thr Ala Pro Ile Asn Cys Cys
61         75           80           85
63 ccc cca atc ccc gct aaa atc atc gat ttc gag cta cca cct ccc tcc      401
64 Pro Pro Ile Pro Ala Lys Ile Ile Asp Phe Glu Leu Pro Pro Pro Ser
65         90           95           100
67 act acc atg agg gtt cgc cgt ggc gct cat tta gtt gat gat gca tac      449
  
```

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/446,089A

DATE: 02/27/2001  
 TIME: 14:31:44

Input Set : A:\001560-377.ST25.txt  
 Output Set: N:\CRF3\02272001\I446089A.raw

```

68 Thr Thr Met Arg Val Arg Arg Ala Ala His Leu Val Asp Asp Ala Tyr
69      105      110      115
71 att gcc aaa ttc aag aaa gcc gtt gag ctt atg cga gct cta cct gag      497
72 Ile Ala Lys Phe Lys Lys Ala Val Glu Leu Met Arg Ala Leu Pro Glu
73      120      125      130
75 gat gac cct cgt agc ttc aag caa caa gct aac gtc cat tgc gct tac      545
76 Asp Asp Pro Arg Ser Phe Lys Gln Gln Ala Asn Val His Cys Ala Tyr
77 135      140      145      150
79 tgc gcg ggg gcg tat aat caa gcc ggt ttc aca aac cta aag ctc caa      593
80 Cys Ala Gly Ala Tyr Asn Gln Ala Gly Phe Thr Asn Leu Lys Leu Gln
81      155      160      165
83 atc cac cga tct tgg ctt ttt ttc ccg ttc cat aga tat tat atc tac      641
84 Ile His Arg Ser Trp Leu Phe Phe Pro Phe His Arg Tyr Tyr Ile Tyr
85      170      175      180
87 ttt ttt gaa aga ata ttg gga aaa cta atc aat gat aca act ttt gct      689
88 Phe Phe Glu Arg Ile Leu Gly Lys Leu Ile Asn Asp Thr Thr Phe Ala
89      185      190      195
91 ctc caa ttt tgg aac tat gat tca cct ggt gga atg aca atc cca tca      737
92 Leu Gln Phe Trp Asn Tyr Asp Ser Pro Gly Gly Met Thr Ile Pro Ser
93      200      205      210
95 atg ttt att gat act aat tct tgc ctg tac gat agt tta cgg gac agt      785
96 Met Phe Ile Asp Thr Asn Ser Ser Leu Tyr Asp Ser Leu Arg Asp Ser
97 215      220      225      230
99 aat cat cag cca cca acc atc gta gac ttg aac tac gcc ttt tct gat      833
100 Asn His Gln Pro Thr Ile Val Asp Leu Asn Tyr Ala Phe Ser Asp
101      235      240      245
103 tcc gac aat acc act act cct gaa gag caa atg att ata aac ctt aaa      881
104 Ser Asp Asn Thr Thr Thr Pro Glu Glu Gln Met Ile Ile Asn Leu Lys
105      250      255      260
107 att gtg tac aga caa atg gtg tgc agc gct aag act cca cag ctt ttc      929
108 Ile Val Tyr Arg Gln Met Val Ser Ser Ala Lys Thr Pro Gln Leu Phe
109      265      270      275
111 ttc ggc cgc cca tac cga cgt ggg gac caa gag ttt ccc ggg gtg ggg      977
112 Phe Gly Arg Pro Tyr Arg Arg Gly Asp Gln Glu Phe Pro Gly Val Gly
113      280      285      290
115 tgc att gag tta gtc cct cat ggc atg ata cat tta tgg acc ggt tct      1025
116 Ser Ile Glu Leu Val Pro His Gly Met Ile His Leu Trp Thr Gly Ser
117 295      300      305      310
119 gag aac acg ccc tat ggc gag aac atg ggg gct ttc tac tca acg gct      1073
120 Glu Asn Thr Pro Tyr Gly Glu Asn Met Gly Ala Phe Tyr Ser Thr Ala
121      315      320      325
123 aga gac ccg ata ttt ttt gct cat cat tgc aac gtc gat aga atg tgg      1121
124 Arg Asp Pro Ile Phe Phe Ala His His Ser Asn Val Asp Arg Met Trp
125      330      335      340
127 tcc ata tgg aag acc cta gga ggg ccg cgg agg acg gac tta aca gat      1169
128 Ser Ile Trp Lys Thr Leu Gly Gly Pro Arg Arg Thr Asp Leu Thr Asp
129      345      350      355
131 cca gat ttt ctt gat gcg tct ttc gtt ttt tat gac gaa aac gca gag      1217
132 Pro Asp Phe Leu Asp Ala Ser Phe Val Phe Tyr Asp Glu Asn Ala Glu

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/446,089A

DATE: 02/27/2001

TIME: 14:31:44

Input Set : A:\001560-377.ST25.txt

Output Set: N:\CRF3\02272001\I446089A.raw

```

133      360      365      370
135 atg gtt cgg gtc aag gtt cgg gat tgc tta gat gaa aag aaa cta ggg      1265
136 Met Val Arg Val Lys Val Arg Asp Cys Leu Asp Glu Lys Lys Leu Gly
137 375      380      385      390
139 tac gtt tat caa gat gtg gag att ccg tgg ctc aac act cgt cca aca      1313
140 Tyr Val Tyr Gln Asp Val Glu Ile Pro Trp Leu Asn Thr Arg Pro Thr
141      395      400      405
143 cca aaa gtt tct ccg tct cta ctt aag aaa ttt cat aga aca aac act      1361
144 Pro Lys Val Ser Pro Ser Leu Leu Lys Lys Phe His Arg Thr Asn Thr
145      410      415      420
147 gcc aat ccg aga caa gtt ttt cct gcg ata ctt gac aga gtc tta aaa      1409
148 Ala Asn Pro Arg Gln Val Phe Pro Ala Ile Leu Asp Arg Val Leu Lys
149      425      430      435
151 gtt atc gtg acg agg ccg aag aaa act aga agt agg aaa gaa aag gac      1457
152 Val Ile Val Thr Arg Pro Lys Lys Thr Arg Ser Arg Lys Glu Lys Asp
153      440      445      450
155 gag tta gaa gag att tta gtg att gaa ggg att gaa ctg gaa aga gac      1505
156 Glu Leu Glu Glu Ile Leu Val Ile Glu Gly Ile Glu Leu Glu Arg Asp
157 455      460      465      470
159 cac ggg cac gta aaa ttc gac gtt tat att aat gct gac gaa gat gac      1553
160 His Gly His Val Lys Phe Asp Val Tyr Ile Asn Ala Asp Glu Asp Asp
161      475      480      485
163 ctt gcg gtg att tcg ccg gag aat gct gag ttc gcc ggg agt ttc gtg      1601
164 Leu Ala Val Ile Ser Pro Glu Asn Ala Glu Phe Ala Gly Ser Phe Val
165      490      495      500
167 agt ctg tgg cac aaa cct ata aag ggg aag agg aca aag acg cag tta      1649
168 Ser Leu Trp His Lys Pro Ile Lys Gly Lys Arg Thr Lys Thr Gln Leu
169      505      510      515
171 tta aca ttg tcg att tgt gat att ttg gag gat ttg gat gct gac gaa      1697
172 Leu Thr Leu Ser Ile Cys Asp Ile Leu Glu Asp Leu Asp Ala Asp Glu
173      520      525      530
175 gat gat tat gtg ttg gtc act ttg gtt ccg aga aac gcc gga gat gcg      1745
176 Asp Asp Tyr Val Leu Val Thr Leu Val Pro Arg Asn Ala Gly Asp Ala
177 535      540      545      550
179 atc aag att cat aat gtc aag att gag ctt gat ggc taataaattc      1791
180 Ile Lys Ile His Asn Val Lys Ile Glu Leu Asp Gly
181      555      560
183 tattgatttc ttctcaacct acagttgacg atttaccgat tgattattcc aataaaagta      1851
185 tctcatgtac caatatcgat cgtattaatc gtaatacttt cagattttta tttattttaa      1911
187 agcagttgta taaatggtga aataaggatt actttttgag      1951
190 <210> SEQ ID NO: 2
191 <211> LENGTH: 562
192 <212> TYPE: PRT
193 <213> ORGANISM: Antirrhinum majus
195 <400> SEQUENCE: 2
197 Met Phe Lys Asn Pro Asn Ile Arg Tyr His Lys Leu Ser Ser Lys Ser
198 1      5      10      15
201 Asn Asp Asn Asp Gln Glu Ser Ser His Arg Cys Lys His Ile Leu Leu
202      20      25      30

```

## RAW SEQUENCE LISTING

DATE: 02/27/2001

PATENT APPLICATION: US/09/446,089A

TIME: 14:31:44

Input Set : A:\001560-377.ST25.txt

Output Set: N:\CRF3\02272001\I446089A.raw

```

205 Phe Ile Ile Thr Leu Phe Leu Leu Ile Val Gly Leu Tyr Ile Ala Asn
206          35          40          45
209 Ser Leu Ala Tyr Ala Arg Phe Ala Ser Thr Ser Thr Gly Pro Ile Ala
210          50          55          60
213 Ala Pro Asp Val Thr Lys Cys Gly Gln Pro Asp Leu Pro Pro Gly Thr
214 65          70          75          80
217 Ala Pro Ile Asn Cys Cys Pro Pro Ile Pro Ala Lys Ile Ile Asp Phe
218          85          90          95
221 Glu Leu Pro Pro Pro Ser Thr Thr Met Arg Val Arg Arg Ala Ala His
222          100          105          110
225 Leu Val Asp Asp Ala Tyr Ile Ala Lys Phe Lys Lys Ala Val Glu Leu
226          115          120          125
229 Met Arg Ala Leu Pro Glu Asp Asp Pro Arg Ser Phe Lys Gln Gln Ala
230          130          135          140
233 Asn Val His Cys Ala Tyr Cys Ala Gly Ala Tyr Asn Gln Ala Gly Phe
234 145          150          155          160
237 Thr Asn Leu Lys Leu Gln Ile His Arg Ser Trp Leu Phe Phe Pro Phe
238          165          170          175
241 His Arg Tyr Tyr Ile Tyr Phe Phe Glu Arg Ile Leu Gly Lys Leu Ile
242          180          185          190
245 Asn Asp Thr Thr Phe Ala Leu Gln Phe Trp Asn Tyr Asp Ser Pro Gly
246          195          200          205
249 Gly Met Thr Ile Pro Ser Met Phe Ile Asp Thr Asn Ser Ser Leu Tyr
250          210          215          220
253 Asp Ser Leu Arg Asp Ser Asn His Gln Pro Pro Thr Ile Val Asp Leu
254 225          230          235          240
257 Asn Tyr Ala Phe Ser Asp Ser Asp Asn Thr Thr Thr Pro Glu Glu Gln
258          245          250          255
261 Met Ile Ile Asn Leu Lys Ile Val Tyr Arg Gln Met Val Ser Ser Ala
262          260          265          270
265 Lys Thr Pro Gln Leu Phe Phe Gly Arg Pro Tyr Arg Arg Gly Asp Gln
266          275          280          285
269 Glu Phe Pro Gly Val Gly Ser Ile Glu Leu Val Pro His Gly Met Ile
270          290          295          300
273 His Leu Trp Thr Gly Ser Glu Asn Thr Pro Tyr Gly Glu Asn Met Gly
274 305          310          315          320
277 Ala Phe Tyr Ser Thr Ala Arg Asp Pro Ile Phe Phe Ala His His Ser
278          325          330          335
281 Asn Val Asp Arg Met Trp Ser Ile Trp Lys Thr Leu Gly Gly Pro Arg
282          340          345          350
285 Arg Thr Asp Leu Thr Asp Pro Asp Phe Leu Asp Ala Ser Phe Val Phe
286          355          360          365
289 Tyr Asp Glu Asn Ala Glu Met Val Arg Val Lys Val Arg Asp Cys Leu
290          370          375          380
293 Asp Glu Lys Lys Leu Gly Tyr Val Tyr Gln Asp Val Glu Ile Pro Trp
294 385          390          395          400
297 Leu Asn Thr Arg Pro Thr Pro Lys Val Ser Pro Ser Leu Leu Lys Lys
298          405          410          415
301 Phe His Arg Thr Asn Thr Ala Asn Pro Arg Gln Val Phe Pro Ala Ile

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/446,089A

DATE: 02/27/2001

TIME: 14:31:44

Input Set : A:\001560-377.ST25.txt

Output Set: N:\CRF3\02272001\I446089A.raw

```

302          420          425          430
305 Leu Asp Arg Val Leu Lys Val Ile Val Thr Arg Pro Lys Lys Thr Arg
306          435          440          445
309 Ser Arg Lys Glu Lys Asp Glu Leu Glu Glu Ile Leu Val Ile Glu Gly
310          450          455          460
313 Ile Glu Leu Glu Arg Asp His Gly His Val Lys Phe Asp Val Tyr Ile
314 465          470          475          480
317 Asn Ala Asp Glu Asp Asp Leu Ala Val Ile Ser Pro Glu Asn Ala Glu
318          485          490          495
321 Phe Ala Gly Ser Phe Val Ser Leu Trp His Lys Pro Ile Lys Gly Lys
322          500          505          510
325 Arg Thr Lys Thr Gln Leu Leu Thr Leu Ser Ile Cys Asp Ile Leu Glu
326          515          520          525
329 Asp Leu Asp Ala Asp Glu Asp Asp Tyr Val Leu Val Thr Leu Val Pro
330          530          535          540
333 Arg Asn Ala Gly Asp Ala Ile Lys Ile His Asn Val Lys Ile Glu Leu
334 545          550          555          560
337 Asp Gly
341 <210> SEQ ID NO: 3
342 <211> LENGTH: 13
343 <212> TYPE: PRT
344 <213> ORGANISM: Antirrhinum majus
346 <400> SEQUENCE: 3
348 Lys Lys Leu Gly Tyr Val Tyr Gln Asp Val Glu Ile Pro
349 1          5          10
352 <210> SEQ ID NO: 4
353 <211> LENGTH: 12
354 <212> TYPE: PRT
355 <213> ORGANISM: Antirrhinum majus
357 <400> SEQUENCE: 4
359 Lys Ile Val Tyr Arg Gln Met Val Ser Ser Ala Lys
360 1          5          10
362 <210> SEQ ID NO: 5
363 <211> LENGTH: 18
364 <212> TYPE: PRT
365 <213> ORGANISM: Antirrhinum majus
367 <400> SEQUENCE: 5
369 Lys Thr Pro Gln Leu Phe Phe Gly Arg Pro Tyr Arg Arg Gly Asp Gln
370 1          5          10          15
372 Glu Phe
375 <210> SEQ ID NO: 6
376 <211> LENGTH: 29
377 <212> TYPE: PRT
378 <213> ORGANISM: Antirrhinum majus
380 <220> FEATURE:
381 <221> NAME/KEY: UNSURE
382 <222> LOCATION: (9)..(9)
383 <223> OTHER INFORMATION: Amino acid 9 is Xaa wherein Xaa = unknown or other.
385 <220> FEATURE:

```

<210> 10  
<211> 6  
<212> PRT  
<213> Artificial Sequence  
<400> 10

*see item 12 on Error Summary sheet*

His Ala Val Cys Asn Glu  
1 5

*FBI*

**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.



VERIFICATION SUMMARY

DATE: 02/27/2001

PATENT APPLICATION: US/09/446,089A

TIME: 14:31:45

Input Set : A:\001560-377.ST25.txt

Output Set: N:\CRF3\02272001\I446089A.raw

L:392 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:395 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:442 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8  
L:458 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:466 M:258 W: Mandatory Feature missing, <220> FEATURE:  
L:466 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:  
L:484 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:499 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12  
L:514 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13